

# INDEX

## TO VOLUME 81 OF THE AMERICAN JOURNAL OF PHARMACY.

### AUTHORS.

Anderson, John F. Federal control of the manufacture of therapeutic sera .....	184
Ashmead, Benj. P. Examination of drugs under the customs regulations of 1908 .....	16, 47
Beringer, George M. Compound powder of pepsin and compound elixir of pepsin .....	331
Draft of a proposed importation act.....	31, 51
Further work on fluidglycerates .....	475
Pharmacists and the U. S. Pharmacopœia.....	389
And Geo. M. Beringer, Jr. Syrups of the U. S. Pharmacopœia and National Formulary .....	311
Bernegau, L. H. Laboratory notes on assay work.....	122
Borneman, John A. Cultivation of belladonna.....	I, 45
Chace, Archibald E. Preparation of tincture of strophanthus.....	209
Clark, A. H. Periodide test for alkaloids.....	176
Cook, E. Fullerton. Drug-store conveniences.....	201, 415
Dowzard, Edwin. Compressed air wash-bottle.....	174
Determination of sulphurous acid in lime juice .....	561
Emery, W. O. Analysis of headache mixtures.....	3
Co-operative work on headache mixtures.....	480
England, Joseph W. Enzymes of cow's milk.....	177, 201
Fuller, H. C., and L. E. Warren. Influence of certain agents in the estimation of alcohol.....	66
Gesell, W. J. Act of 1848 and importation regulations.....	24, 48
Hamilton, H. C., and E. M. Houghton. Pharmacological assay of the heart tonics .....	461
Harshberger, J. W. Charles Darwin as a botanist.....	342
Hodgson, T. R. An analysis of cloves.....	6
Hoover, Geo. W. Supervising importation of drugs.....	336
Houghton, E. M., and H. C. Hamilton. Pharmacological assay of the heart tonics .....	461

<sup>1</sup> Compiled by Florence Yaple.

Hunt, Reid. Twelfth International Congress on Alcoholism, and the Sixteenth International Medical Congress.....	580
Kebler, Lyman F. Drug adulteration.....	73, 104
Drug importation act of 1848 and the Food and Drugs Act of 1906.....	17, 52
Laws regulating the sale of habit-forming drugs.....	186
Keller, Harry F. Story of a piece of pitchblende.....	157
Kline, C. M. Richmond meeting of the N.W.D.A.....	546, 556
Kraemer, Henry. Centenary of Charles Darwin.....	190, 201
Drugs and druggists in relation to tuberculosis.....	276
Representation of druggists' associations at the U.S.P. Convention 1910.....	522, 556
LaWall, Chas. H. Canadian Formulary of Unofficial Preparations.....	11
Detection of capsicum in preparations of ginger.....	218, 260
Differentiation of enzymes in milk.....	57, 100
Examination of urine containing pentose.....	329
Formaldehyde and boiling solutions of cane sugar.....	394
The relation of food and drug adulteration to tuberculosis.....	268
Leffmann, Henry. Capture and recapture of the Pharmacopœia.....	384
Lemberger, J. L. Jacob Henry Redsecker.....	261, 306
McCabe, Geo. P. National Food and Drugs Act of June 30, 1906.....	361
Moerk, Frank X. Use of the centrifuge in the assay of volatile oils.....	326
Moser, John, Jr. Spigelia, belladonna, prunus virginiana, and frangula.....	576
Parker, C. E. Assay of drugs.....	59, 104
Power, F. B. Charles Darwin and the Darwin commemoration at Cambridge.....	511
Raubenheimer, Otto. Pharmaceutical window display.....	534, 559
Remington, Joseph P. How can the druggist aid in the crusade against tuberculosis?.....	264
Pharmacopœial revision problems.....	572
Rippetoe, John R. Physiological action of fluidglycerates of digitalis and ergot.....	85, 101
Rusby, H. H. Drugs at the Port of New York, 1907-08.....	231
Roberts, John G. Suggestions for improvement of U.S.P. assay methods.....	117
Sadtler, Samuel P. Alpha- and beta-ionones.....	181
Schelenz, Hermann. History of the medicinal earths and of cataplasma kaolini.....	111
Taylor, Frank O. Scammony resin.....	105
Thomas, Allen C. Legal aspect of compounding and dispensing.....	374
Thum, John K. Annual meeting British Pharmaceutical Conference.....	485
Liquor sodii phosphatis compositus.....	10
Papers presented to the Pa. and N. J. Pharmaceutical Association.....	536, 556
Toplis, William G. Purification of the drinking water in Philadelphia.....	220, 259
Turner, J. L. Recent developments in alkaloidal assaying.....	125
Vanderkleed, Chas. E. Determination of alcohol in galenical preparations.....	129
Warren, L. E., and H. C. Fuller. Influence of certain agents in the estimation of alcohol.....	66
Wilbert, M. J. Annual meeting of the A.M.A.....	358
Evolution of pharmacology.....	411
Problems for the Pharmacopœial Convention, 1910.....	565
Progress in pharmacy.....	141, 289, 417, 584

Wiley, H. W. Address to the Washington Branch of the A.Ph.A. ....	77, 104
Educational advancement of the pharmacist.....	53
Wood, H. C., Jr. Chemical assay of ergot.....	215

# SUBJECTS.

Abies Fraseri, pillow of buds.....	559
Acetanilid in headache mixtures, separation.....	482
influence of caffeine on toxicity of.....	589
Acid, agaric, description and dose.....	422
arsanilic .....	423
arsinic, derivation .....	423
formula .....	423
diethylbarbituric forms .....	295
sulphurous, determination in lime juice (Dowzard).....	561
Acidum acetylosalicylicum .....	295
Aconite assay .....	587
root, and preparations, assay.....	122
Aconitine from Japanese aconite.....	422
Act, proposed drug importation, draft of (Beringer).....	31, 51
of 1848 and importation regulations (Gesell).....	24, 48
and the Food and Drugs Act of 1906 (Kebler).....	17, 52
preamble and resolutions for the repeal of.....	46
to prevent the manufacture and sale of adulterated or misbranded drugs in Pennsylvania, proposed .....	36
Adrenalin and adrenalin-like bodies.....	588
Agar-agar, uses .....	588
Alcohol and alcoholic beverages in the U.S.P.....	43
estimation, in presence of glycerin, acetanilid, etc. (Warren and Fuller) .....	66
in galenical preparations, determination (Vanderkleed).....	129
use in pharmacy .....	492
Alkaloidal assaying, recent developments (Turner).....	125
assays and the periodide test.....	176
Aloes, Barbados .....	227, 259
Aloesol, composition .....	149
Amanita hemolysin, isolation.....	410
toxin, isolation .....	410
American Association for the Advancement of Science, convocation week .....	143
Chemical Society, section on pharmaceutical chemistry.....	141
Conference of Pharmaceutical Faculties, proceedings for 1908.....	410
Institute of Chemical Engineers, annual meeting.....	410
Medical Association, annual meeting (Wilbert).....	358
Pharmaceutical Association, address of the chairman of the section on education and legislation.....	441
annual meeting .....	428
City of Washington Branch, address of chairman (Wiley) meeting .....	77, 104
New Year's greetings from President Oldberg.....	39
officers for 1909-10.....	428
Philadelphia Branch, post-graduate lectures.....	102, 409
proceedings for 1908 .....	406
report of the secretary of the section on education and legis- lation .....	442
scenic features en route to Los Angeles described.....	556
Searby letters .....	598

Ampuls, history and use .....	499
discussion .....	102, 200
Antimonium sulphuratum, impurities .....	489
Antimony in sulphide preparations, determination .....	489
Antipyrine, influence of caffeine on toxicity of .....	589
<i>Apocynum cannabinum</i> , new constituent .....	423
Apomorphine as a hypnotic .....	422
Arsenic, organic compounds .....	423
new microchemical test .....	147
Arsenobenzene, formula .....	423
Arsenoic, definition .....	423
Arterenol chlorhydrate, properties .....	294
Arylarsonate, chemical nature .....	423
Asiphyl, composition .....	422
Aspirin, history .....	295
Assay of drugs (Parker) .....	59, 104, 587
methods of the U.S.P. ....	438
suggestions for improvement (Roberts) .....	117
work, laboratory notes (Bernegau) .....	122
Assays, alkaloidal, increase in amount of solvent recommended .....	123
duplicate .....	123
quantities of drugs and preparations required .....	125
Astrolin, properties .....	589
 Barbados aloes a misnomer .....	227, 259
<i>Barosma pulchellum</i> leaves .....	494
"Basic lithia water," presence of organisms of colon group .....	371
Becquerel rays, discovery and measurement .....	165
Belladonna, cultivation (Borneman) .....	I, 45
<i>Belladonnæ folia</i> .....	578
Benzoate of soda controversy .....	510
Benzosalin, uses and dose .....	589
Bile salts, variability .....	589
Biologic products on the market .....	422
Bismuth bi-tannate, properties .....	592
salicylate, determination of free salicylic acid .....	489
subnitrate, toxicity .....	147
"Blackburn's cascara, wild lemon, castor oil pills, compound" falsely labelled .....	369
Boards of pharmacy, qualifications of members .....	245
"Bracers" or "compound liquors" .....	292
Brandy, definition .....	589
British Pharmacopœia, adaptation to local requirements .....	421
criticisms .....	420
revision .....	143, 486
Pharmaceutical Codex, comments .....	144
new edition .....	143
Pharmaceutical Conference, annual meeting (Thum) .....	485
officers elected .....	493
Brovalol, properties .....	295
 Cacao butter and its substitutes .....	490
Caffeine in headache mixtures, separation .....	481
influence on toxicity of acetanilid and antipyrine .....	589
<i>Calycanthus glaucus</i> , crystalline alkaloid of .....	433
Camphor, <i>Formosa</i> .....	295
rapidity of volatilization in lump form and in preparations .....	545

Canadian Formulary of Unofficial Preparations (LaWall).....	11
Cannabinol, composition .....	590
Cannabis indica, cause of deterioration .....	487
Capsicum, detection in preparations of ginger (LaWall).....	218, 260
Capsules, gelatin .....	145
Cataplasm of kaolin, discussion .....	200
<i>Chemist and Druggist</i> , The, jubilee number .....	460, 586
"Chieh" .....	498
Chinese drugs, some .....	457
materia medica of San Francisco .....	440
Chloral, condensation with primary aromatic amines .....	433
menthol compounds .....	590
Cimicifuga, constituents .....	487
Cinchona assay .....	145
historical exhibit .....	534, 559
Citarin, secondary effects .....	423
Citrate of lime, manufacture .....	147
Cleveland Academy of Medicine, medico-pharmaceutical section organized .....	408
Cloves, analysis of samples (Hodgson) .....	6
Coal-tar antipyretics .....	420
Coca and cocaine, historical study .....	145
Cocaine legislation discussed by N.W.D.A. ....	548
preparation without label .....	367
Cocoa-nut esters used as adulterant of oil of lavender .....	147
Collargol, false claims .....	294
Colloidal drug preparations .....	126
Compounding and dispensing, legal aspect (Thomas) .....	374
"Concentrated oil of pine compound," example of misbranding .....	369
Conium fruit, assay .....	123
Cotton, purified, container for .....	416
Council on Pharmacy and Chemistry of the A.M.A., co-operation received .....	291
Convictions under the Food and Drugs Act .....	365
Cultivation of <i>Ipecacuanha</i> .....	424
Curie, Pierre, portrait .....	168
Skłodowska, Mme., portrait .....	167
Customs Regulations of 1908, and the examination of drugs (Ashmead) .....	16, 47
Cyanotoxin, derivation and formula .....	423
"Cypress of Montezuma" .....	497
Darwin, Charles, as a botanist (Harshberger) .....	342
biographical sketch, and the Darwin commemoration at Cambridge (Power) .....	511
centenary (Kraemer) .....	196, 201
list of plants named after .....	516
published works .....	515
Detail work among physicians .....	448
Digalen, components .....	590
Digitalis, fluidglycerate .....	84
preparations .....	292
examined .....	466
standardization .....	291, 439
Dipropäsin, properties .....	150
Disinfection, methods .....	202
Dispensing by physicians in England .....	488
physicians and the drug laws .....	548
Drug adulteration (Kebler) .....	73, 104
importation regulations, status .....	48, 49, 51
laws of Pennsylvania, history .....	375



Druggists and the internal revenue law.....	397
Drugs and chemicals, purity of samples.....	438
at the Port of New York, 1907-08 (Rusby).....	231
below Pharmacopœial standard, importation and sale of.....	50
examination at the Port of Philadelphia.....	47
habit-forming, control of sale.....	81
imperfect and adulterated, specimens exhibited.....	237
used in tuberculosis.....	278
vegetable, some and their adulterants (Moser).....	576
Drug-store conveniences (Cook).....	201, 415
Dutch Pharmacopœia, additions and corrections.....	585
Ebert memorial.....	400
Educational advancement of the pharmacist (Wiley).....	53
Eel grass, uses.....	559
Efflorescence and deliquescence.....	539
Elaterin, formula determined cryoscopically.....	423
Elixir of gentian N.F., new formula.....	539
lactated pepsin, digestive power tested.....	440
pepsin, compound.....	334
Emanations from radio-active substances.....	170
Emulsions, commercial.....	488
Enzymes of cow's milk (England).....	177, 201
Ergot, active principle soluble in water.....	492
chemical assay (Wood).....	215
fluidglycerate.....	84
Ergothioneine, origin.....	590
<i>Euphorbia pilulifera</i> , constituent.....	491
Euphorphine, composition.....	424
Euphylline, composition.....	423
Exsiccated salts, U.S.P., and their preservation.....	539
Extracts, solanaceous, decomposition of alkaloids.....	128
Ferments of drugs.....	460, 588
Fluidextract belladonna, assay.....	127
cascara sagrada, process.....	490
convallaria, samples examined.....	472
digitalis, U.S.P., formula criticized.....	467
hydrastis, estimation of hydrastine.....	129
hyoscyamus, assay.....	127
squill, samples examined.....	471
Fluidextracts, glycerin in.....	588
manufacture by pharmacists.....	538
U.S.P., introduction of certain constants recommended.....	437
Fluidglycerate of buchu, formula.....	479
of eriodictyon, formula.....	479
of grindelia, formula.....	479
of nux vomica, formula.....	476
of red rose.....	477
of sanguinaria, formula.....	477
Fluidglycerates, alkaline.....	479
of digitalis and ergot, physiological action (Rippetoe).....	84, 101
discussion.....	101
further work on (Beringer).....	446, 475
Food adulteration in Pennsylvania, history.....	206
and Drugs Act, convictions under.....	365
beneficial effects.....	363
discussion.....	17, 52

Foods, examination .....	560
Foot-and-mouth disease .....	420
Foreign drugs, samples exhibited .....	456
Formaldehyde and boiling solutions of cane sugar (LaWall) .....	394
Frangula .....	580
French Codex, fifth edition .....	421
Galenical preparations, valuation .....	587
Galenicals, spirituous, estimation of extractive and glycerin .....	487
Gelsemium, method for assay .....	124
Ginger ale, detection of capsicum .....	218
Glucoside-containing extracts .....	424
Glycerin, comparative cost .....	590
Governmental inspection, extension recommended .....	51
"Great bear spring water," presence of organisms of colon group .....	371
Guaranty clause of the Food and Drugs Act, use and abuse .....	445
and serial number interpreted .....	372
Habit-forming drugs and the laws regulating their sale .....	186
Hanbury medal, award .....	421
"Hancock's liquid sulphur," false claims for .....	368
"Harper's curforhedake brane-fude," misbranded .....	366
Headache mixtures, analysis (Emery) .....	3
co-operative work (Emery) .....	480
Heart tonic preparations, loss in potency with age .....	466
units, equivalent .....	464
tonics tested biochemically .....	487
Helium, discovery and properties .....	163
Helkomen, composition .....	149
Homorenon hydrochloride, properties .....	295
Honey as a vehicle for iodides .....	424
Hordenine, properties .....	149
Hungarian Pharmacopeia, new .....	585
p-Hydroxyphenylethylamine, presence in ergot .....	492
Hyoscyamus, comparative study .....	296
Importation Act of 1848, discussion .....	17, 24, 46
of drugs, supervising (Hoover) .....	336
Indicator, delicate .....	148
Internal revenue law, violated by druggists .....	397
International Congress on Alcoholism, Twelfth, and Sixteenth Inter- national Medical Congress (Hunt) .....	580
of Applied Chemistry, seventh .....	418
for Applied Chemistry, Section xi .....	585
of Pharmacy .....	407, 418
Medical Congress; sixteenth .....	583
Iodides, honey as a vehicle .....	424
Iodomenin, composition .....	149, 296
Iodone, composition .....	591
Iodoval, composition and dose .....	149
Ionones, alpha- and beta- (Sadler) .....	181
Ipecacuanha cultivation .....	424
Isocalycanthine, formula determined .....	433
Isopral, uses .....	591
Jalap, complex nature of resin .....	424
note on the assay .....	431

Japanese coniferous plants, specimens presented.....	100
Java cinchona plantations.....	145
Jobber, the, discussion.....	549
<i>Journal of Industrial and Engineering Chemistry</i> .....	443
<i>of Pharmacology and Experimental Therapeutics</i> .....	408
Klaproth, Martin Henry, portrait.....	161
Larkspur and stavesacre, microscopic characters compared.....	436
Larned, E. R., personal.....	407
Law of 1848, discussion.....	47
Laws regulating the sale of habit-forming drugs (Kebler).....	186
Lime juice, determination of sulphurous acid.....	561
Liquor sodii phosphatis compositus (Thum).....	10
made from exsiccated salt.....	100
Mace, Bombay, detection.....	537
Mme. Yale's preparations, flagrantly misbranded.....	369
Malt extract with cod-liver oil.....	492
Materia medica, American.....	598
of Perak.....	440
Medical colleges, closing.....	419
education.....	586
Medicinal earths and cataplasma kaolini, history (Schelenz).....	III, 200
plants, cultivated.....	I, 45, 424
cultivation.....	588
Medicine, preventive, scope.....	585
Medicines which may be dispensed by pharmacists, discussion.....	152, 203
Melting points, determination.....	293
Mercol, faulty method of manufacture.....	294
Mercuric salicylate.....	425
Mercurous nitrate as a reagent for arsenic.....	147
Mercury sozo-iodate, composition.....	148
Methyl red as a delicate indicator.....	148
Microscope, application in legal investigations.....	560
<i>Midland Druggist and Pharmaceutical Review, The</i> .....	408
Milk, differentiation of enzymes (LaWall).....	57, 100
enzymes.....	177, 201
nutritive value destroyed by heat and preservatives.....	100
in powder form.....	591
<i>Minispermum canadense</i> , alkaloids.....	431
Mineral waters, showing presence of <i>coli</i> organisms.....	371
Moore, George T., personal.....	409
"Muco-solvent," false claims on label.....	369
Mushrooms, poisonous principles.....	409
"Narkoe root," specimen exhibited.....	597
National Bureau of Public Health proposed.....	202
Food and Drugs Act of June 30, 1906 (McCabe).....	361
Formulary nomenclature.....	290
report of A. Ph. A. Committee.....	584
Wholesale Druggists' Association, report of committee on standards and tests.....	546
Richmond meeting (Kline).....	546, 556
"Nekkoe," specimen exhibited.....	597
New and non-official remedies, 1909.....	290, 399
remedies.....	293
Nickel culinary utensils.....	148



Nostrums, discussion .....	203, 587
compilation of analyses.....	587
Nux vomica, adulteration .....	425
<b>OBITUARY:</b>	
Miller, Wm. J. ....	402
Hancock, Chas. W. ....	553
Hayhurst, Susan .....	553
Kline, Mahlon N. ....	598
Redsecker, Jacob H. ....	261
Wiegand, Thomas S. ....	502
Official laboratory, probability of establishment.....	557
Oil, <i>Artemisia Herba-alba</i> var <i>densiflora</i> .....	498
<i>Barosma pulchellum</i> .....	493
cassia, assay .....	327
clove, assay .....	327
cod-liver, metabolized .....	590
ergot, physical and chemical properties.....	146
eucalyptus, South African .....	146
lavender, new adulterant .....	147
lemon, comments on U.S.P. tests.....	146
manufacture .....	147
Mexican marsh-cypress .....	497
olive, precautions in testing .....	206
pimenta, assay .....	327
<i>Satureja macrostema</i> .....	497
thyme, assay .....	327
Oils, essential, new .....	493
halogen absorption methods compared.....	493
volatile, assay by use of the centrifuge (Moerk).....	326
descriptions in the Ph. Germ. IV.....	206
U.S.P., which may be conveniently tested by the pharmacist....	543
Oleate of mercury .....	425
Opium, assay .....	587
crop for 1909.....	425
Paper mulberry cloth exhibited.....	559
Papers presented to the Pa. and N. J. Pharmaceutical Associations (Thum) .....	536, 556
<i>Passiflora incarnata</i> .....	591
Paste-pot, new .....	415
Patent medicines, discussion.....	203
<i>Peganum Harmala</i> seeds exhibited.....	597
Pennsylvania medicine bill, new, proposed.....	97
Pharmaceutical Association, annual meeting.....	449
officers for 1909-10 .....	451
pharmacy act, proposed, discussion.....	99
resolution endorsing .....	99
Pentose, detection in urine.....	329
Pepsin, compound powder and compound elixir (Beringer).....	331
Percolation and maceration, discussion.....	596
Pergenol, composition .....	591
Periodide test for alkaloids (Clark).....	176
Permanganate solutions, permanency.....	148
Pharmaceutical graduates and pharmaceutical examining boards.....	99
laboratory, regeneration .....	420
preparations, valuation .....	419
Pharmacist, the, a new field for .....	284

Pharmacists and physician's relations.....	55, 77
health of .....	287
prominent in history .....	301
Pharmacologic fetishisms .....	292
Pharmacological assay of the heart tonics (Houghton and Hamilton)...	461
Pharmacology, evolution (Wilbert) .....	411
Pharmacopœia, U. S., capture and recapture (Leffmann) .....	384
digest of comments .....	407, 420
discussion .....	557, 593
and the pharmacists of the United States (Beringer) .....	389
practical methods of revising .....	291
reports on .....	584
resolution on revision .....	593
revision, discussion .....	593
Spanish translation .....	247, 444
Pharmacopœial revision problems (Remington) .....	572
Pharmacy, a, in Canton, China .....	456
laws, purpose of .....	79
vacation courses .....	586
Pharmazeutische Zentralhalle, jubilee number .....	460
PHILADELPHIA COLLEGE OF PHARMACY:	
Alumni Association, annual meeting, and banquet .....	305
Baccalaureate sermon .....	305
Board of Trustees, minutes .....	96, 257, 405, 555
officers elected .....	405
Books, letters, etc., donated .....	256, 402, 404, 555
Centenary celebration, committee appointed .....	554
Commencement exercises .....	298
Committee appointed to consider the act of 1848 and the draft of a proposed new law .....	52
By-laws, appointed .....	257
Legislation, appointed .....	95
report .....	255
Membership, appointed .....	554
Nominations, appointed .....	404
report .....	255, 553
Pharmaceutical meetings, report .....	254
Supplies, report .....	405
Curator's report .....	255
Delegates to the A.Ph.A. appointed .....	403
report .....	553
to the N. J. Pharmaceutical Association, appointed .....	257
report .....	402
to the Pa. Pharmaceutical Association, appointed .....	257
report .....	403
to the U. S. Pharmacopœial Convention, appointed .....	403
Digests of comments on U.S.P. and N.F., resolution favoring .....	95
Editor's report .....	254
Election of officers, trustees, and committees .....	257, 555
Funds collected .....	258
Graduates .....	298
Herbarium presented by Chas. H. LaWall .....	306
Historical Committee appointed .....	404
report .....	401
exhibit .....	45
Honorary members elected .....	553
Librarian's report .....	255
Loving cup presented on behalf of N. H. Martin .....	404
Members elected .....	96, 97, 258, 554

PHILADELPHIA COLLEGE OF PHARMACY:

Membership initiation fee abolished .....	552
Minutes of meetings.....	95, 252, 401, 552
Parrish memorial meeting.....	306, 257
Pharmaceutical meetings .....	45, 47, 97, 100, 200, 201, 259, 306, 556, 593
President's address .....	253
cup awarded .....	407
Prize offered by Joseph Jacobs.....	555
Prizes awarded .....	302
Professors' supper .....	305
Publication Committee, report.....	254
Scholarship established by Frank G. Ryan.....	555
Shinn, James T., memorial .....	258
Special Finance Committee appointed.....	405
lectures .....	560, 598
Specimens and objects presented .....	100, 102, 206, 559, 597
Thesis work by students considered.....	555
Wiegand, Thomas S., memorial meeting.....	452
portrait presented .....	553
resolutions on .....	552
Physiological testing of drugs.....	291
Physostigma preparations, assay.....	124
Physostigmine, reactions .....	425
<i>Pigmentia acris</i> var <i>citrifolia</i> .....	147
Pills of ferrous carbonate, samples examined.....	296
Pitchblende, story of a piece of (Keller).....	157
<i>Podophyllum peltatum</i> and <i>P. emodi</i> , resins compared.....	435
Poison schedule, English .....	489
Polonium, discovery .....	168
Potassium chlorate, examination of samples.....	436
investigation into cause of explosiveness suggested.....	436
dichromate as a standard for titrimetric solutions.....	591
Powder of pepsin, compound.....	333
Progress in pharmacy, a quarterly review (Wilbert).....	141, 289, 417, 584
Propaganda for reform in proprietary medicines, new edition .....	144
Propäsin, properties .....	149
Proprietaries, German .....	293
<i>Prunus virginiana</i> .....	579
Purity rubric of the U.S.P. discussed.....	557, 558

Quinine, consumption .....	297
use in malaria .....	297

Radium, discovery and properties.....	168
Ramsay, William, Sir, in his laboratory.....	164
Rays emitted by radio-active substances .....	169
Redsecker, Jacob Henry (Lemberger).....	261, 306
Refractive index of galenical preparations.....	491
Resins of podophyllum, analysis.....	435

REVIEWS:

Arny, Henry V. Principles of pharmacy.....	398
Ball, M. V. Essentials of bacteriology.....	501
Bocquillon-Limousin, H. Formulaire des Medicaments Nouveaux.....	357
Carre, P. Les Produits Pharmaceutiques Industriels.....	356
Chemist-Optician, the .....	43
Coblentz, Virgil. Manual of volumetric analysis.....	550
The newer remedies .....	87

## REVIEWS:

Crinon, C. Revue des Medicaments Nouveaux et de Quelques Médications Nouvelles .....	357
Dawbarn, R. H. M. An aid to materia medica.....	251
Elvove, Elias. Fixing power of alkaloids on volatile acids and its application to the estimation of alkaloids with the aid of phenolphthalein or by the Volhard method.....	550
French, Howard B. Genealogy of the descendants of Thomas French.....	309
Greene, Chas. W. Experimental pharmacology.....	355
Hawk, Philip B. Practical physiological chemistry .....	251
Holland, J. W. The urine, the gastric contents, the common poisons, and the milk .....	251
Kraemer, Henry. A text-book of botany and pharmacognosy .....	41
Long, John H. Text-book of physiological chemistry.....	500
MacEwan, Peter. Pharmaceutical formulas.....	89
The art of dispensing.....	88
Meade, R. K. The design and equipment of small chemical laboratories .....	94
National Standard Dispensary.....	248
Oppenheimer, C. Ferments and their action.....	356
Ruddiman, Edsel A. Incompatibilities in prescriptions .....	42
Schelenz, Hermann. Geschichte der Pharmazie.....	151
Schimpf, Henry W. Manual of volumetric analysis.....	426
Schmucker, Samuel C. The study of nature.....	355
Squire's companion to the latest edition of the British Pharmacopœia.....	249
Sturmer, J. W. Rudiments of Latin.....	354
Thompson, W. A. Druggists' and dispensers' practical show-card instructor .....	358
Thoms, H. Arbeiten aus dem Pharmazeutischen Institut der Universität Berlin .....	352, 501
Tower, Olin F. Course in qualitative analysis of inorganic substances.....	252
Tschirch, A. Handbuch der Pharmakognosie.....	86, 502
Tyrode, M. V. Pharmacology .....	88
Walsh, Ralph. Desk book of facts for physicians and pharmacists.....	400
Wellcome's photographic exposure record and diary, 1909.....	208
Rutherford's electronic hypothesis.....	172
 Sabromin, composition .....	426
Saccharin in foods and beverages, confirmation.....	536
Salicylates, solubilities .....	426
Saltpetre, misbranded .....	371
Samoa ethnologic specimens.....	559
Sanguinarine nitrate, sophisticated samples.....	124
"Sartoin skin food," false claims for.....	368
Scammony, imitation .....	426
resin (Taylor) .....	105
<i>Scopola carniolica</i> and <i>S. japonica</i> rhizomes, differences.....	145
Secrecy in medicine .....	419
Secret remedies, analysis .....	586
Selenite, specimen exhibited.....	597
Senega, false .....	146
Sera, therapeutic, federal control of manufacture (Anderson).....	184
Slide cabinet, Minot, exhibited.....	206
Sodium benzoate and the referee board.....	145
in food materials.....	591
bicarbonate in headache mixtures, separation.....	484
nitrate consumed in the United States.....	297

Solubility of official substances, method of stating proposed.....	541
Spanish translation of the U. S. Pharmacopœia .....	247, 444
Spigelia .....	576
Spirits, distilled, definition.....	2
Standards for drugs, international.....	585
in heart tonic units for the digitalis series.....	474
U.S.P., assistance of commercial men in framing and defining.....	245
used by Customs Service examiners .....	48
Stavesacre and larkspur, microscopic characters compared.....	436
Stearate of mercury .....	425
Sterilization in pharmacy.....	293
Stove, vapor-alcohol, exhibited .....	201
Strontium bromide of American manufacture .....	558
Strophanthin Thoms, origin and properties.....	297
Strophanthus preparations, pharmacological assay.....	462
sulphuric acid test .....	150
strychnine and brucine, separation .....	491
Sugar, consumption in the United States.....	146
factories, modern, described.....	459
industry in West Indies described.....	459
Suppositories, anisol .....	149, 588
Suppository base .....	447
Suprarenin, synthetic .....	150
Swedish Pharmacopœia, ninth edition.....	143
Syrup of buckthorn.....	325
Syrups of the U. S. Pharmacopœia and National Formulary (Beringer and Beringer) .....	311, 542
Syrupus amygdalæ .....	313
aurantii .....	313
florum .....	313
glycyrrhizæ N.F. ....	320
ipecacuanhæ .....	313
kramerizæ .....	314
lactucarii .....	314
papaveris N.F. ....	320
pini strobi compositus N.F.....	321
pruni virginianæ .....	316
quinidinæ N.F. ....	323
rhamni cathartici N.F. ....	323
rhei .....	317
rosæ .....	317
rubi .....	318
sarsaparillæ compositus .....	318
scillæ compositus .....	319
senegæ .....	320
Tannismuth, properties .....	592
<i>Taxodium mexicanum</i> as found in Mexico.....	497
Test-tubes, alkalinity .....	470
Tetanus antitoxin, introduction into the U.S.P. recommended .....	429
Thephorin, dose and uses.....	592
Therapeutic progress .....	144
Tincture of gentian, compound .....	542
iodine, concentration in cork-stoppered bottles .....	437
opium by percolation .....	425
strophanthus, preparation (Chace).....	209
samples examined .....	472
Tragacanth, testing .....	426
Transformation of elements .....	172, 173



Tuberculosis crusade, aid of the druggist (Remington) .....	264
and drugs and druggists (Kraemer) .....	270
and food and drug adulteration (LaWall) .....	268
Turpentine and its adulterants .....	147
Unguentine, composition .....	294
Unguentum paraffini, formula .....	400
U.S.P. Convention 1900, constitution and by-laws .....	525
Convention, 1910 .....	346
problems of (Wilbert) .....	565, 593
representation of druggists' associations (Kraemer) .....	522, 550
University of Maryland, memorial volume .....	406
Uraninite, composition and occurrence .....	160, 163
Uranium, discovery of .....	162
Uranyl compounds, use as pigments .....	162
Urine containing pentose, examination (LaWall) .....	320
Vegetable drugs, freshness preserved by sterilization .....	460
Veronal, commercial compounds .....	295
poisoning from .....	592
Volumetric solutions, U.S.P., keeping qualities .....	437
Wash-bottle, compressed-air (Dowzard) .....	174
Water supply of Philadelphia, purification (Toplis) .....	220, 259
Wellcome Research Laboratories at Khartoum, report .....	410
Whiskey defined .....	590
significance of term .....	293
Wiegand, Thomas S., biographical sketch .....	502
portrait .....	461
Window display (Raubenheimer) .....	534, 559
Wine of beef and iron .....	438, 447
detannating .....	147
Zinc permanganate, correction .....	41
percentage of pure salt .....	297
purity .....	148

